



Inclusive New Media Design

including people with intellectual disabilities in the WWW

Key Barriers	Quick Checks	Example Sites
<p>Use of text as content: High Reading Comprehension Level <i>(Population's median reading level is 7 years; highest reading levels peak under 11 years)</i> Requiring unfamiliar text input</p> <p>Use of language: Reliance on jargon or abstract language Use of complex vocabulary Long sentences and phrases Too many information carrying words</p> <p>Information processing: Page verbosity Mono-modal presentation Fast paced multimedia Requirements for information recall Long session requirements</p> <p>Navigation and orientation: Reliance on multi-level navigation Complex structural metaphors Text based navigation, filtering and sorts Hidden or contextual menu options</p> <p>Access to technology: Poor access to recent IT Poor access to AT & personalised browser</p> <p>Self-help and problem solving: Requirements to install plugins Requirements to change settings</p>	<ul style="list-style-type: none"> ✓ Core content does not rely on text ✓ All text content has a contextually presented audio equivalent ✓ Key concepts are illustrated by images or AAC symbols ✓ AAC symbolised sentences do not extend beyond a single line ✓ AAC symbols maintain a vertical relationship with text qualifiers ✓ The simplest form of language is always used ✓ Phrases consider a single concept or a single keyword only ✓ Paragraphs are formed by no more than 3 short phrases ✓ All the jargon & complex vocabulary included is required content ✓ Glossary is inline, as tooltips or adjacent to the content it supports ✓ Keywords and concepts are repeated and/or stressed ✓ Decorative and non-content images can be removed ✓ Vertical margins are generous <i>eg > 300% line height</i> ✓ Horizontal margins are generous <i>eg >10% page width</i> ✓ Pace of multimedia presentation can be adjusted ✓ Partial input can be saved and revisited in later sessions ✓ Video content uses symbolised or image-based captioning ✓ Site navigation does not rely on text ✓ Site structure cannot be simplified further ✓ All navigation menu options are visible by default ✓ Filters and sort controls are iconified ✓ Search is not the sole means of productive site navigation ✓ Prominent controls allow text to be resized ✓ Prominent controls allow colour contrast to be adjusted ✓ A sans-serif or clear cursive font is used or can be selected easily ✓ Required plug-ins or add-ons can be installed without leaving the site ✓ Contextual help provided if changes to browser settings are needed 	<p>Example Sites</p> <p>The following sites meet many of the criteria page left. Most of these sites were produced for and tested by users with intellectual disabilities</p> <p>http://www.cornwallpeoplefirst.com/</p> <p>http://www.symbolworld.org/</p> <p>http://www.helpscheme.co.uk/en/easyread/</p> <p>http://www.askability.org.uk/</p> <p>http://www.abilitynet.org.uk/easy/</p> <p>http://www.ckuk.org.uk/</p> <p>http://newhameasyread.org/</p> <p>http://www.learningdisabilitycoalition.org.uk/</p> <hr/> <p>Useful Links</p> <hr/> <p>Server-side Symbolisation http://www.widgit-online.com/ http://www.symbolnet.org/</p> <p>Text-to-speech Solutions http://www.browsealoud.com/ http://www.voiceforge.com/ http://www.readspeaker.com/</p> <p>Content Image and Symbol Banks http://www.photosymbols.co.uk/ http://www.changepeople.co.uk/ http://www.sclera.be/</p>

